

ABSTRACT

A two component interpenetrating polymer network wound dressing material is formed of a biocompatible, hydrophilic first component such as gelatin or polyvinyl alcohol and a biocompatible elastomer such as HydroThane (trademark) by dissolving the components in a common solvent, initiating cross-linking of at least one of the components in the solution, and forming a film, fiber, bead or mesh from the solution.